



PINE CRAFT *Weather Proof* **FRAMES**

"THE FRAMES WITH THE WEDGE JOINTS"

CATALOG NO. 7-A • 1931 - 32

WHITE PINE SASH COMPANY
S P O K A N E , W A S H I N G T O N

PINE CRAFT WEATHER-PROOF FRAMES

Stock Frames in Varying Details for Use from Coast to Coast

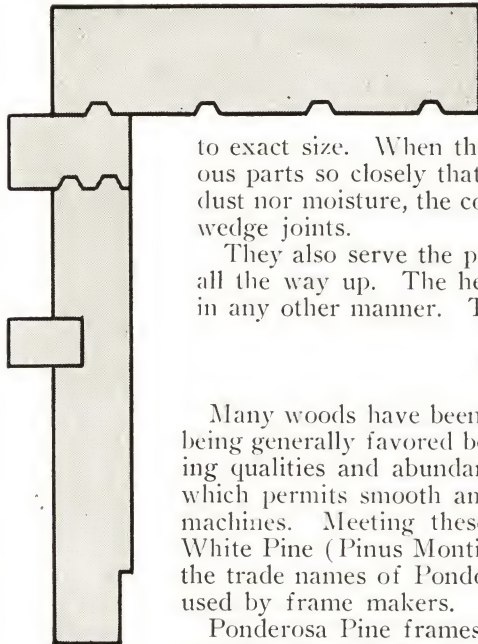
Pine Craft Weather-Proof Frames are a product of the White Pine Sash Company, Spokane, Washington, one of the country's largest producers of pine sash and frames. Much time was spent and many experiments were made in developing the weather-proof features, which are explained below.

The fact that this construction (originated by Pine Craft) has been widely imitated by other manufacturers testifies to the merit of the idea.

The Pine Craft trade mark is registered in the United States Patent Office. This trade mark is

represented by a distinctive label, a copy of which appears on the back cover of this catalogue. One of these labels is affixed to each frame bundle.

Pine Craft Weather-Proof Frames are made in a variety of styles and sizes for all manner of construction and to suit the peculiar needs of the territory where used. In addition to the stock patterns shown herein and which are generally used for the sake of service and economy, we are equipped to manufacture frames to architects' details, where special treatment of the window openings is desired.



Wedge Joint Construction

The adjoining half size cut shows a cross section of a Pine Craft Weather-Proof Frame. The various members are united by wedge-shaped tongues and grooves, milled

to exact size. When the frame is nailed up, these tongues and grooves unite the various parts so closely that they present to the elements a front of solid wood. Neither dust nor moisture, the cold blasts of winter, nor the hot winds of summer can pass the wedge joints.

They also serve the purpose of lining up the casings. The side casings are parallel, all the way up. The head casing is parallel with the sill. They cannot be assembled in any other manner. The result is that storm sash and screens fit perfectly.

Materials Used

Many woods have been used for the building of frames, the soft pines being generally favored because of their weather resisting and paint holding qualities and abundant supply. They are also extremely workable, which permits smooth and accurate machining to pattern on high speed machines. Meeting these requirements to a surpassing degree, Idaho White Pine (*Pinus Monticola*) and Ponderosa Pine, formerly sold under the trade names of Pondosa Pine and California White Pine, are widely used by frame makers.

Ponderosa Pine frames are moderately priced, and when properly installed and regularly painted, will give a lifetime of faithful service.

Idaho White Pine is one of the few genuine white pines available in commercial quantities. Frames made of this wood are slightly higher in price than Ponderosa Pine frames, but will withstand neglect to a remarkable degree and with reasonable care will outlast the useful life of any building in which they may be installed.

Pine Craft employs both species in the manufacture of frames, and furnishes frames of 100% Idaho White Pine, 100% Ponderosa Pine, or any combination of the two species, local preference being the determining factor.

Oak door sills are made from carefully selected oak sill stock, thoroughly air dried. The sawn ends are primed with linseed oil to prevent checking.

WHITE PINE SASH COMPANY

SPOKANE, WASHINGTON

CONSTRUCTION DETAILS

Sash opening sizes vary in different parts of the country (see "Window Opening Sizes" below). Pine Craft frames are made the proper opening size for the locality where sold. The standard width of sash run is $1\frac{3}{8}$ in. for $1\frac{3}{8}$ -in. sash and $1\frac{5}{8}$ in. for $1\frac{3}{4}$ -in. sash. Window frame sills are pitched $2\frac{1}{4}$ in. to 1 ft., pro-

viding perfect drainage and yet not so steep that stock sizes of storm sash and screens cannot be used. Door sills are pitched $1\frac{1}{4}$ in. to 1 ft.

Most frames are shown with $4\frac{1}{2}$ -in. casings, but any Pine Craft dealer can furnish these in narrower widths if desired.

PULLEYS

Pine Craft frames are fitted with Dillon Jam-Proof Pulleys or Grand Rapids Pulley No. 18, both with everlasting bronze bearings, and both can be furnished in either lacquer or galvanized finish.

Pulleys with special face plates can be furnished where required.

For Dillon Jam-Proof Pulleys as made by Stanley Works, see Manufacturers' Index.

GRADES

Pine Craft frames are furnished in two grades. "Clear" grade frames have all exposed faces clear. "No. 1" grade frames may have pulley stiles and sills containing sound knots, not over $1\frac{1}{2}$ in. in diameter.

Other parts are practically the same as furnished in Clear grade frames. Clear grade frames may be identified by black and gold labels, No. 1 grade frames by blue and white labels.

LOCALITY USES

Custom and usage have decreed that certain types of frames shall be used in certain territories. Pine Craft recognize this fact and Pine Craft dealers carry the proper types of frames for the territory they serve.

These territories are quite well defined and for convenience are set forth below, together with frame patterns most commonly used.

	Cellar frames	Frame house		Brick veneer		Brick wall	
		Window frames	Door frames	Window frames	Door frames	Window frames	Door frames
New York City area and northern New Jersey...	776	702-703	750-751	726	762	730	765
Boston area.....	772	711	756			736	
Western Massachusetts and northern Connecticut...	772	719	752-A				
Central and western New York	771	709	752	726	762	730	765
Philadelphia and southern New Jersey.....	778	701-711	750-756	725	761	736	765
Pittsburgh and western Pennsylvania	780	715	757			730	765
Ohio-Indiana	770					736	768
Michigan	777	717-718	759	729	764	737	769
Chicago and west.....	771	711-713	750	726	762	738	
St. Louis and southwest..	772	707	754-755	728	763-763-A	734	767
See pages.....	12	709-711	750-752	726	762	732	765
		700-701	750-752	726	762	736	765
		720				732	765
		4-6	7-8	9	9	10	11

Casement frames are not shown in the above schedule, as their use is relatively small. They are, however, shown in this catalogue under the numbers 740-743-745-746. Casement Frame No. 740 is in general use in all territories. Nos. 743-745 and 746 are used in the Philadelphia territory. See page 6.

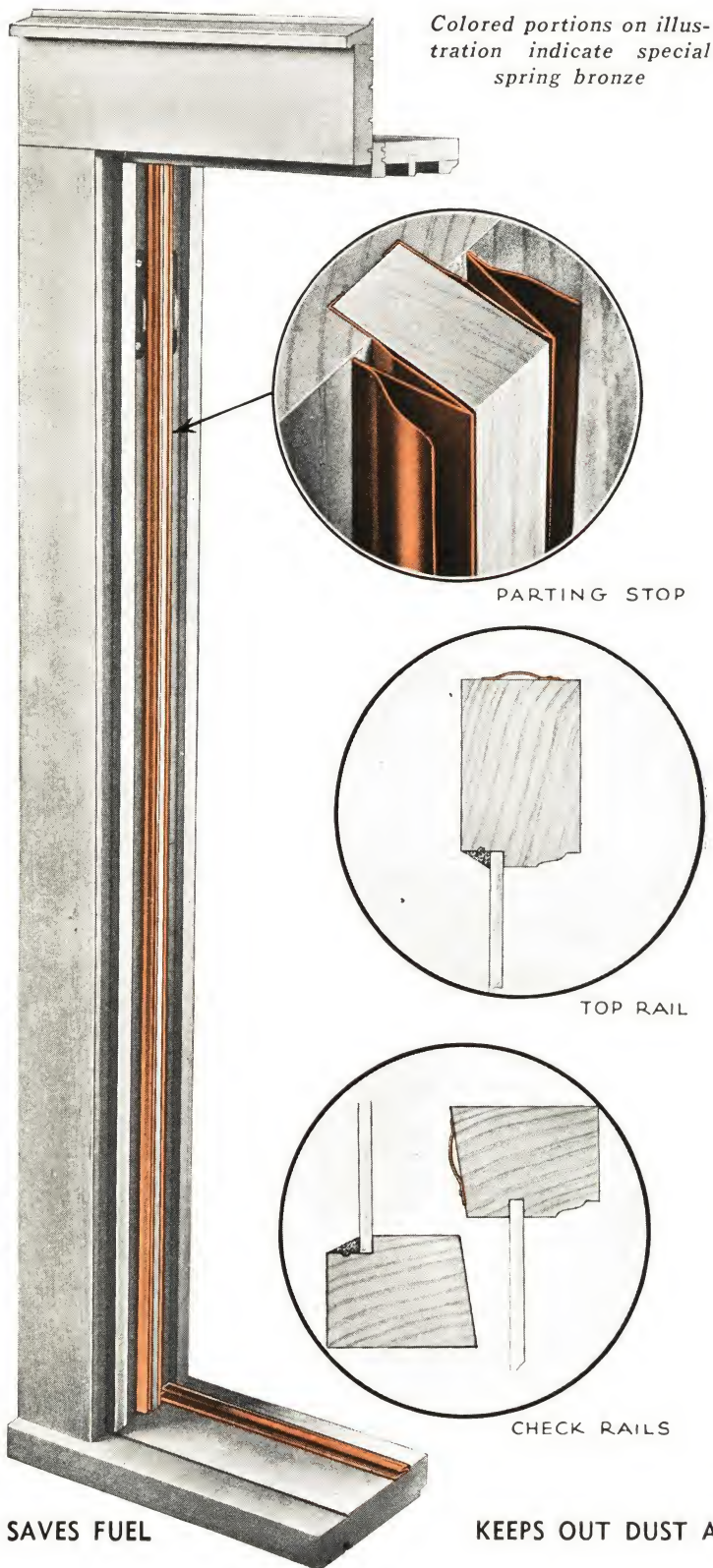
There is more or less over-lapping of the territories shown, and this schedule should be used only as a general guide. Other territories are not quite so well defined, but some patterns of frames shown herein are considered proper for use in all important building centers.

WINDOW OPENING SIZES

	Width	Add to glass size Height
Boston area	Boston openings	$3\frac{5}{8}$ -in. 5-in.
New York and northern New Jersey.....	New York openings.....	4 -in. 6-in.
Eastern Pennsylvania and southern New Jersey.....	Philadelphia openings	$4\frac{7}{8}$ -in. $6\frac{1}{4}$ or $6\frac{3}{8}$ -in.
Western Pennsylvania and Ohio.....	Ohio openings	$4\frac{1}{2}$ -in. 6 or $6\frac{1}{8}$ -in.
Michigan, Illinois and West, 2-Lt. windows.....	Western openings	4 -in. 6-in.
Indianapolis market openings.....		5 -in. $6\frac{1}{2}$ -in.
Baltimore and Washington, D. C., market openings.....		$4\frac{1}{2}$ -in. $6\frac{1}{4}$ -in.

PINE CRAFT WEATHER-PROOF FRAMES COMPLETELY WEATHERSTRIPPED

For Frame, Brick Veneer or Masonry Construction



Weather-Proof and Weatherstripped — To the weather-proof features of the Pine Craft Frame has been added the necessary complement — a weatherstripped opening. Pine Craft Frames are made weather-proof by Wedge Joint Construction and now the sash openings are sealed by the use of special spring bronze weatherstrips. The side weatherstrip attaches to the parting stops, the "S" shaped fold making double contact with the sash (see illustration at left). A strip of similar design is attached to the sill, the bottom rail of the sash resting thereon. Between the check or meeting rails is used a single curved strip, which does not interfere with locking the window. The same style is also attached to the top of the top rail, completing the assembly and assuring practically an *air tight window*. These weatherstrips also end the annoyance of rattling windows.

Where Used — Residences, apartments, office buildings, hospitals and all heated buildings having double hung windows.

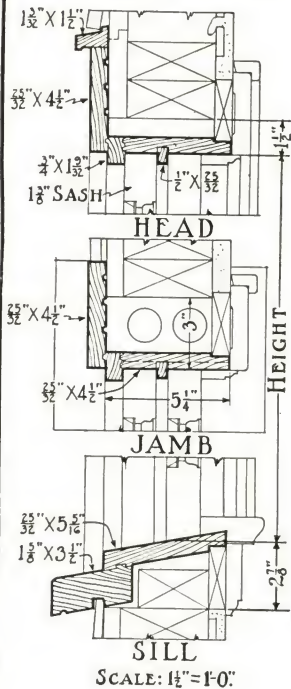
Advantages — Pine Craft Weatherstrip seals *all* the crack around the window; top, bottom and center as well as at the sides. In the average residence the length of crack around double hung windows is approximately seventeen feet, of which about 60% is at the sides and about 40% at the top, bottom and center. Obviously, if only the sides of the sash are weatherstripped almost half of the total crack is left open to the elements. Pine Craft Weatherstrip seals *all* the crack more efficiently.

The side weatherstrip extends a full half inch from the face of the pulley stile and because of the "S" shaped fold, forms double contact with the sash instead of only single contact as with most metal weatherstrips. The flexibility of this strip compensates for any swelling, shrinkage or warping of the sash and allows them to run smoothly.

How Furnished — Pine Craft Weatherstripped Frames are furnished with the side strips attached to the parting stops and the horizontal strips included in the frame bundle. If Pine Craft Fitted Sash are ordered with the frames they are furnished already fitted for the frame, with bottom rail bevelled and the top rail, check rail and bottom rail weatherstrips attached. The bottom rail weatherstrip may be attached to the sill as shown in the illustration if desired, but the preferred method is to attach this strip to the bottom rail.

PINE CRAFT WEATHER-PROOF FRAMES WOOD FRAME CONSTRUCTION

FRAME NO. 700.



WINDOW FRAMES

Frame No. 700 is in general use throughout the southwest. No. 701 is used largely in middle New York State and in the midwest. No. 702 and No. 703 are favorites in the New York metropolitan district and in northern New Jersey. Frame No. 707 is used mostly in Michigan, while No. 709 is preferred in western Massachusetts, northern Connecticut and the central northwest. Mullion centers are shown on page 8. All of these frames can be furnished equipped with the Pine Craft Weather-strip shown on the opposite page.

Stock Sizes

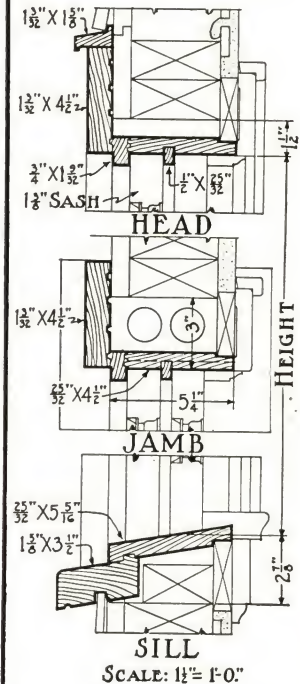
Widths—Every 2 in. from 12-in. to 48-in. glass size inclusive, and in addition 21-in. and 27-in.

Heights—Every 2 in. from 12-in. to 48-in. glass size inclusive, and in addition 15-in., 19-in., 21-in., 27-in. and 31-in.

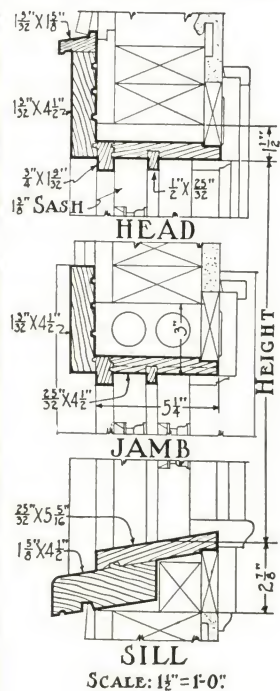
To determine window opening size add for wood allowance as indicated on page 2.

Patent No. 1,790,428

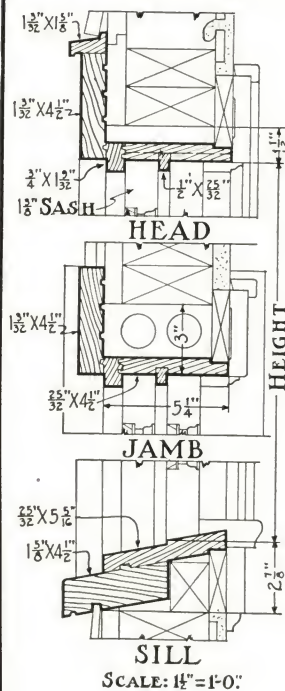
FRAME NO. 701.



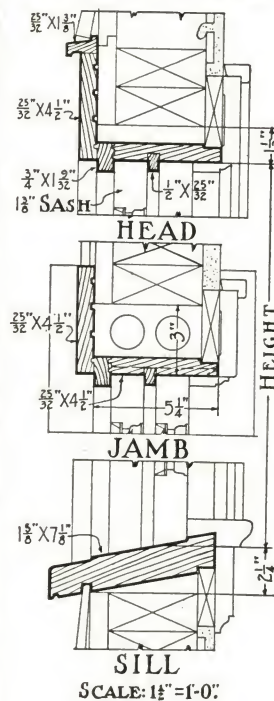
FRAME NO. 702.



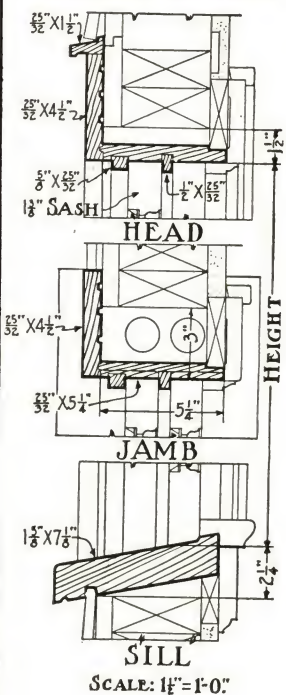
FRAME NO. 703.



FRAME NO. 707.



FRAME NO. 709.



WOOD FRAME CONSTRUCTION (Continued)

WINDOW FRAMES

Frame No. 711 is used in a broad area extending from western New York State to and including the central northwest. No. 713 is used almost altogether in Ohio. No. 715 is for Philadelphia and adjacent territory and No. 717 and No. 718 are favored in Pittsburgh and western Pennsylvania. Frame No. 719 is the style adopted by New England. Mullion centers are shown on page 8. All of these frames can be furnished equipped with the Pine Craft Weatherstrip shown on page 3.

Stock Sizes

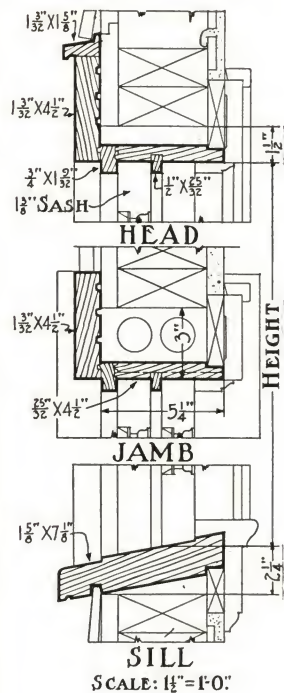
Widths—Every 2 in. from 12-in. to 48-in. glass size inclusive, and in addition 21-in. and 27-in.

Heights—Every 2 in. from 12-in. to 48-in. glass size inclusive, and in addition 15-in., 19-in., 21-in., 27-in. and 31-in.

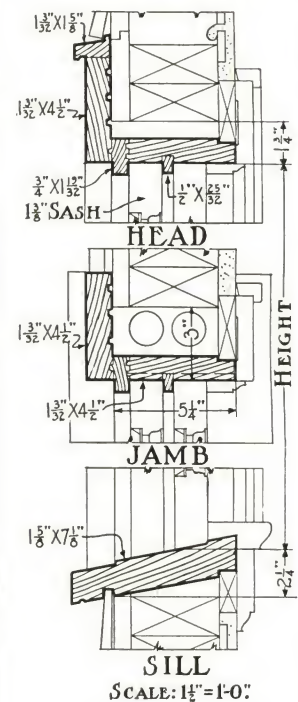
To determine window opening size add for wood allowance as indicated on page 2.

Patent No. 1,790,428

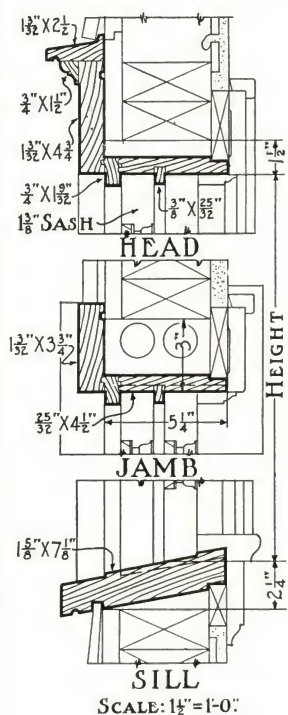
FRAME NO. 711.



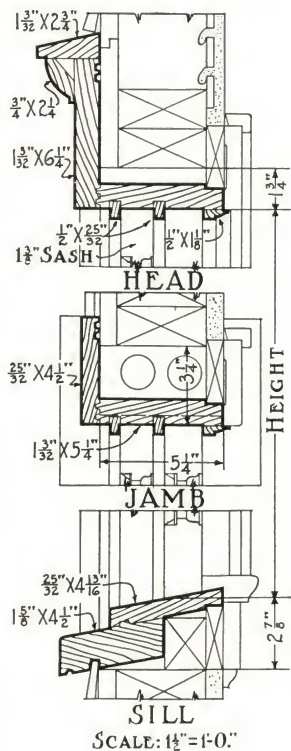
FRAME NO. 713.



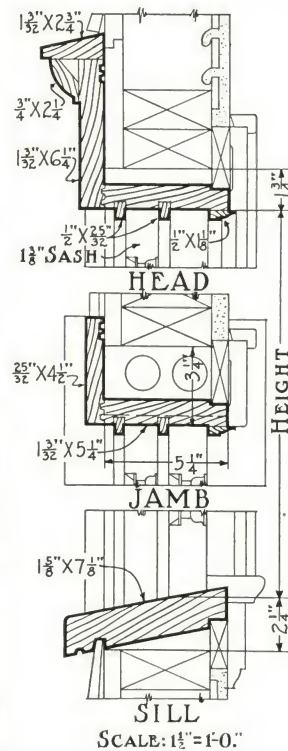
FRAME NO. 715.



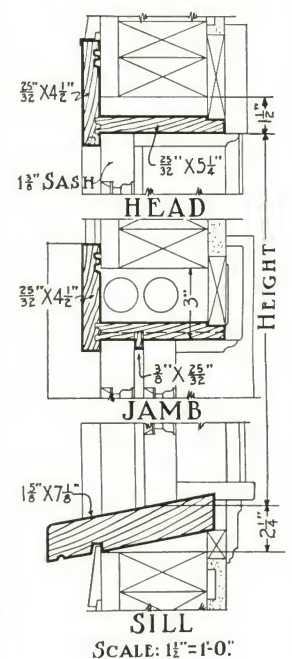
FRAME NO. 717.



FRAME NO. 718.



FRAME NO. 719.



WOOD FRAME CONSTRUCTION (Continued)

WINDOW FRAMES

Frames No. 720-A and No. 720-B are for Plain Rail windows. They are mostly used in the south, and to some extent in other parts of the country. Frame No. 720-B is for light construction, where the siding is applied directly to the studs.

Stock Sizes

Same as on opposite page.

Patent No. 1,790,428

CASEMENT FRAMES

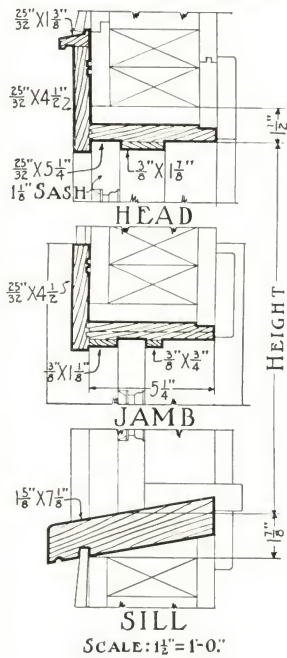
Frames No. 740 and No. 743 shown below are for frame construction. No. 740 is in general use in all parts of the country, while No. 743, No. 745 and No. 746 are used in and around Philadelphia. No. 745 and No. 746 are for masonry construction.

Stock Sizes

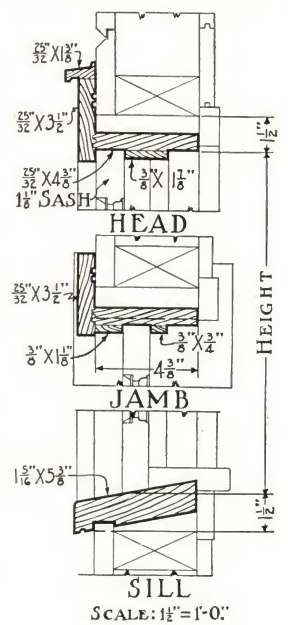
Widths—Every 2 in. from 1 ft. 4 in. to 4 ft. 4 in.

Heights—Every 2 in. from 1 ft. 9 in. to 4 ft. 5 in. and in addition 4 ft. 9 in., 5 ft. 1 in., 5 ft. 5 in. and 5 ft. 9 in.

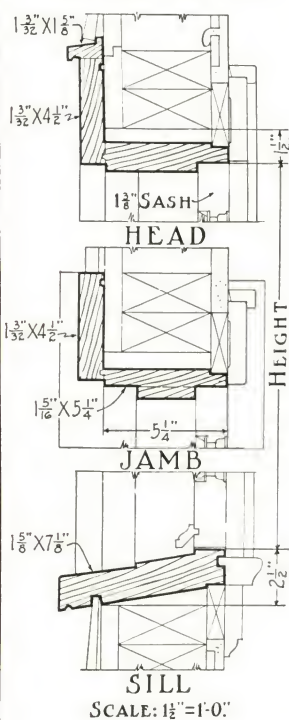
FRAME NO. 720-A
FOR PLAIN RAIL WINDOWS.



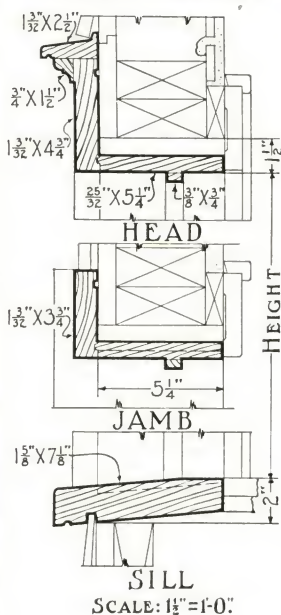
FRAME NO. 720-B.
FOR PLAIN RAIL WINDOWS.



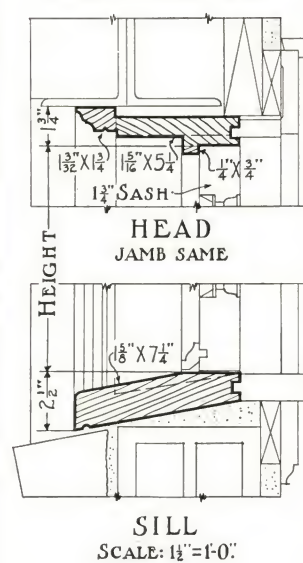
FRAME NO. 740.



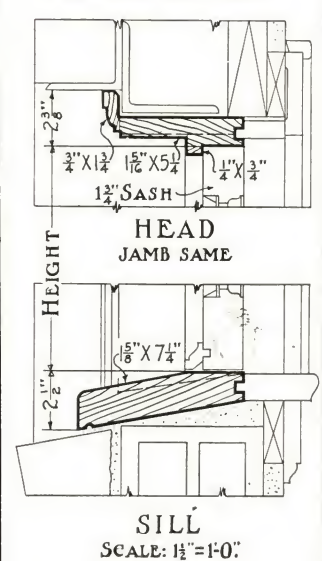
FRAME NO. 743.



FRAME NO. 745.

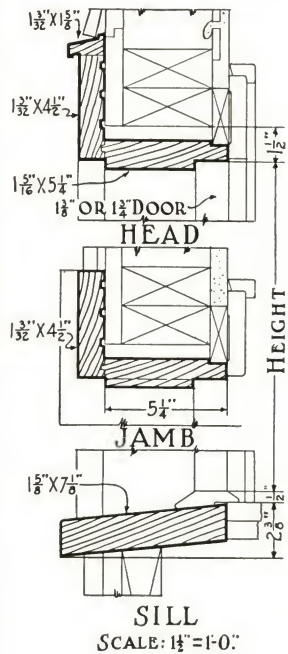


FRAME NO. 746.



WOOD FRAME CONSTRUCTION (Continued)

FRAME NO. 750.



DOOR FRAMES

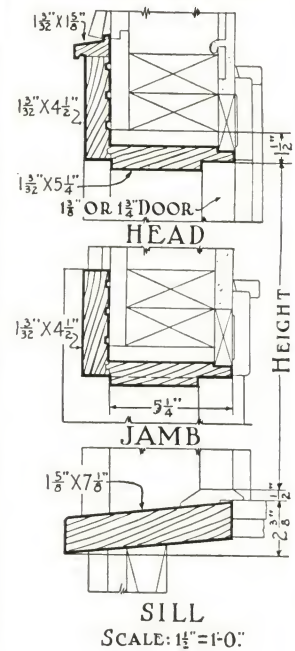
Door Frame No. 750 is in general use throughout the country. No. 751 is largely used in the New York metropolitan district. No. 752 is used with window frame No. 709, while No. 752-A is for New England. This frame has a tongue and groove joining the side to the head casing. No. 754 and No. 755 are the choice of Michigan builders. No. 756 is used chiefly in the New York metropolitan district and surrounding territory.

Stock Sizes

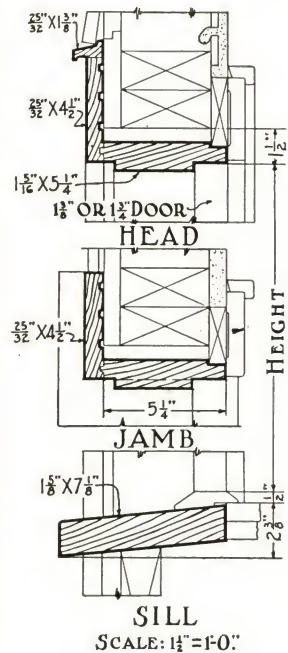
Widths—2 ft. 6 in., 2 ft. 8 in., 2 ft. 10 in. and 3 ft. 0 in.

Heights—6 ft. 6 in., 6 ft. 8 in., 6 ft. 10 in. and 7 ft. 0 in.

FRAME NO. 751.

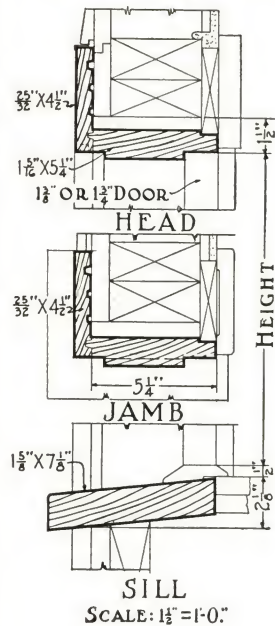


FRAME NO. 752.

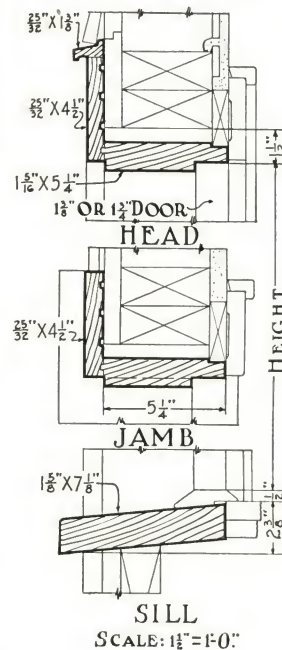


FRAME NO. 753.
SAME AS NO. 752 EXCEPT
JAMBS ARE $1\frac{3}{8}''$ THICK.

FRAME NO. 752-A.

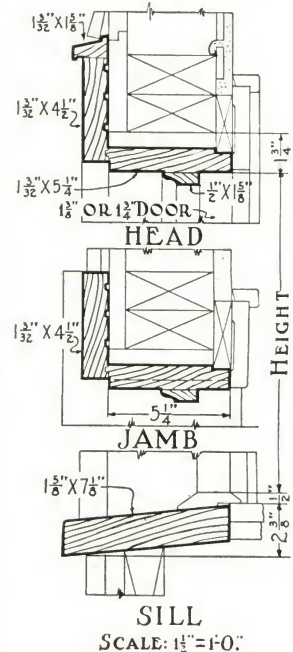


FRAME NO. 754.



FRAME NO. 755.
SAME AS NO. 754 EXCEPT
JAMBS ARE $1\frac{3}{8}''$ THICK.

FRAME NO. 756.



WOOD FRAME CONSTRUCTION

(Continued)

DOOR FRAMES

Door Frame No. 757 is used in the Philadelphia market. No. 759 is the distinctive Pittsburgh style.

Stock Sizes

Widths—2 ft. 6 in., 2 ft. 8 in., 2 ft. 10 in. and 3 ft. 0 in.

Heights—6 ft. 6 in., 6 ft. 8 in., 6 ft. 10 in. and 7 ft. 0 in.

ALTERNATE CAPS

The illustration at the left shows a rabbeted style drip cap, which can be furnished if desired.

At the right is shown a standard moulded cap. The drip cap is $1\frac{3}{4} \times 2\frac{1}{2}$ in. and the crown mould is $\frac{3}{4} \times 1\frac{3}{4}$ in. The head casing is $\frac{5}{16}$ in. wide.

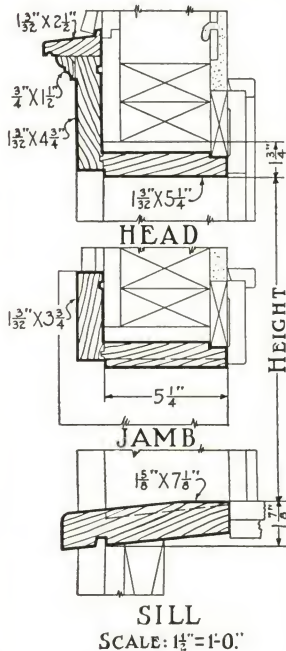
MULLION CENTERS

- (A) For Frame Nos. 700, 707, 728
- (B) For Frame Nos. 701, 702, 703, 711, 715
- (C) For Frame No. 709
- (D) For Frame No. 713
- (E) For Frame Nos. 717, 718
- (F) For Frame No. 719
- (G) For Frame Nos. 726, 727
- (H) For Frame No. 729
- (I) For Frame No. 730
- (J) For Frame No. 732
- (K) For Frame No. 734
- (L) For Frame No. 736
- (M) For Frame No. 737
- (N) For Frame No. 738

Note: The distance between sash at the mullion is generally $5\frac{1}{2}$ in. However, the New York metropolitan district prefers mullions $5\frac{5}{8}$ in. between sash, while around Boston this distance may be either 6 in. or 8 in. For frames having $1\frac{3}{8}$ -in. pulley stiles the distance between sash should not be less than 6 in.

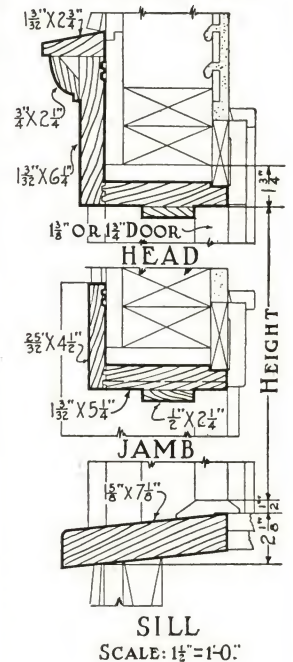
Patent No. 1,790,428

FRAME NO. 757.

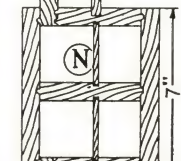
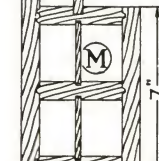
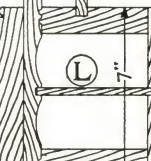
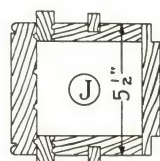
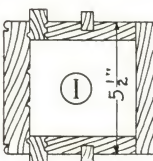
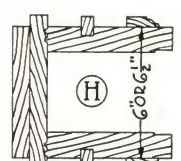
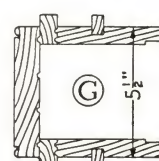
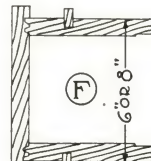
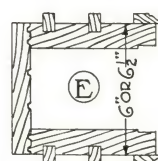
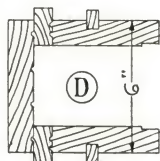
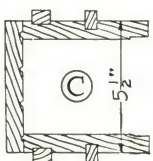
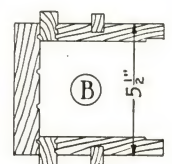
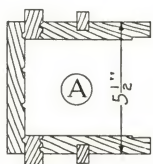


SCALE: $1\frac{1}{2}'' = 1'-0''$

FRAME NO. 759.

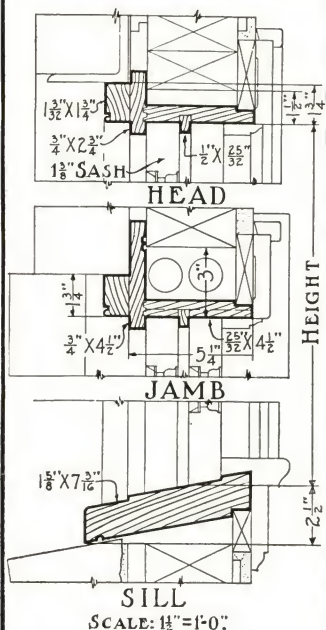


SCALE: $1\frac{1}{2}'' = 1'-0''$



BRICK VENEER CONSTRUCTION

FRAME NO. 725



FRAME NO. 726.

SAME AS NO. 725 EXCEPT
JAMBS ARE 6" OVER ALL.

WINDOW FRAMES

Brick Veneer Window Frames No. 725 and No. 726 are in general use. No. 725 is sometimes used in New York State with subsill construction. No. 728 is the frame used in Michigan, while No. 729 is the Pittsburgh style. Mullion centers are shown on page 8. These frames may be furnished equipped with the Pine Craft Weatherstrip shown on page 3. Stock sizes are same as shown for box frames on page opposite.

Patent No. 1,790,428

DOOR FRAMES

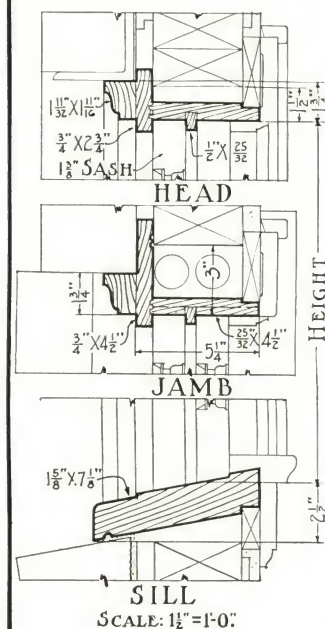
Brick Veneer Door Frames No. 761 and No. 762 are used with Window Frames No. 725 and No. 726 respectively. No. 763 and No. 763-A are Michigan patterns. No. 764 is used in the Pittsburgh market.

Stock Sizes

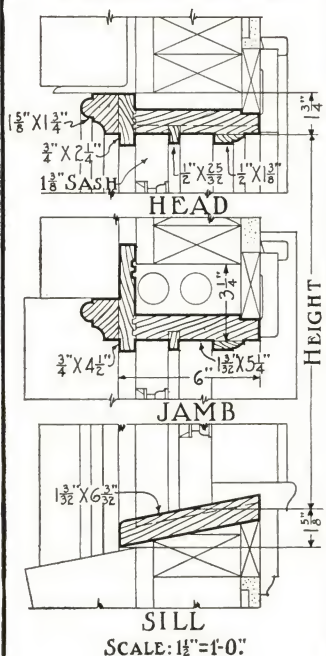
Widths—2 ft. 6 in., 2 ft. 8 in., 2 ft. 10 in. and 3 ft. 0 in.

Heights—6 ft. 6 in., 6 ft. 8 in., 6 ft. 10 in. and 7 ft. 0 in.

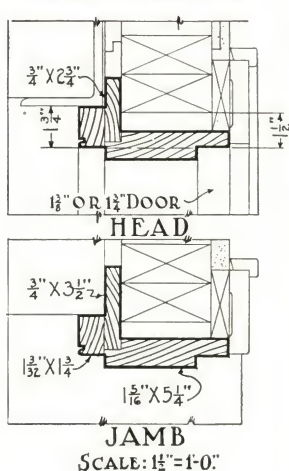
FRAME NO. 728.



FRAME NO. 729.



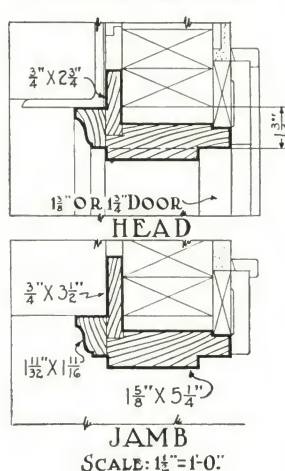
FRAME NO. 761.



FRAME NO. 762.

SAME AS NO. 761 EXCEPT
JAMBS ARE 1 1/8" THICK.

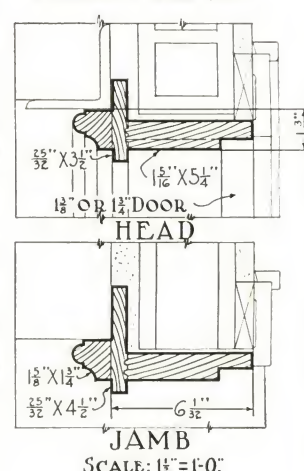
FRAME NO. 763.



FRAME NO. 763A.

SAME AS NO. 763 EXCEPT
JAMBS ARE 1 1/8" THICK.

FRAME NO. 764.



MASONRY CONSTRUCTION

WINDOW FRAMES

Frame No. 730 is the overwhelming choice of builders in the New York metropolitan district and in northern New Jersey, and to a smaller extent in other parts of the country. No. 732 is used principally in the south and southwest. No. 734 is the brick frame used in Pittsburgh. No. 736 is for 1 $\frac{3}{4}$ -in. windows and is in general use for large buildings. No. 737 and No. 738 are Philadelphia types. Mul-lion Centers are shown on page 8. These frames may be furnished equipped with the Pine Craft Weatherstrip shown on page 3.

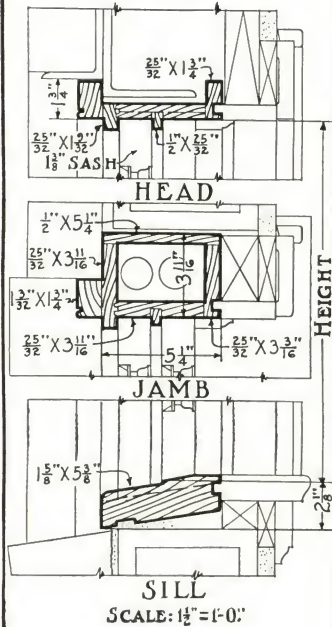
Stock Sizes

Widths—Every 2 in. from 12-in. to 48-in. glass size inclusive, and in addition 21-in. and 27-in.

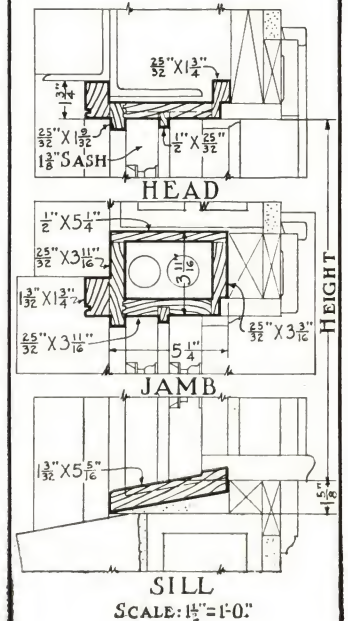
Heights—Every 2 in. from 12-in. to 48-in. glass size inclusive, and in addition 15-in., 19-in., 21-in., 27-in. and 31-in.

Patent No. 1,790,428

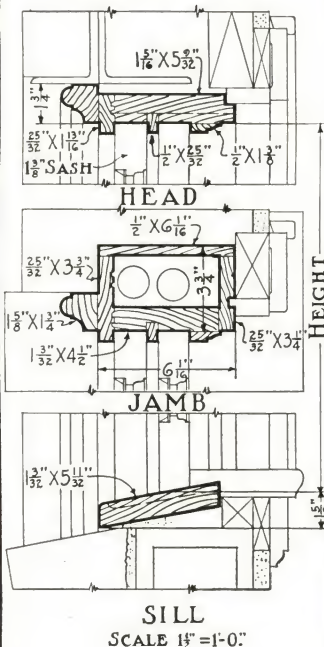
FRAME NO. 730.



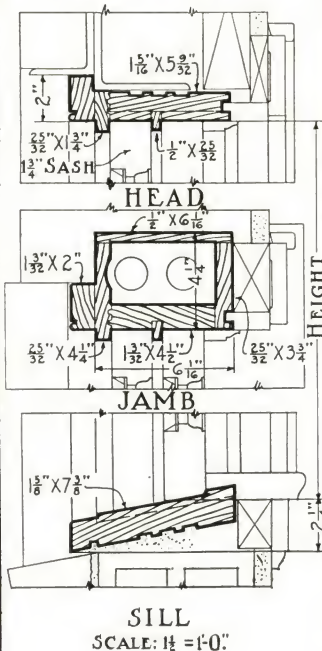
FRAME NO. 732.



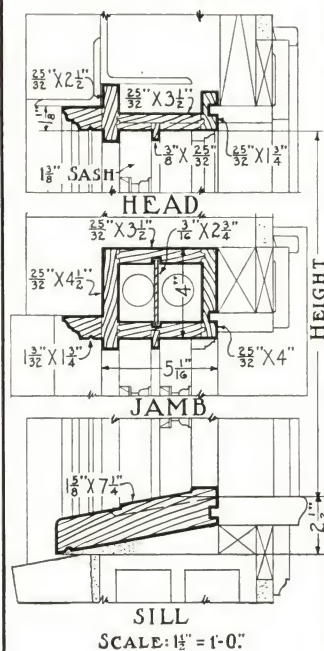
FRAME NO. 734.



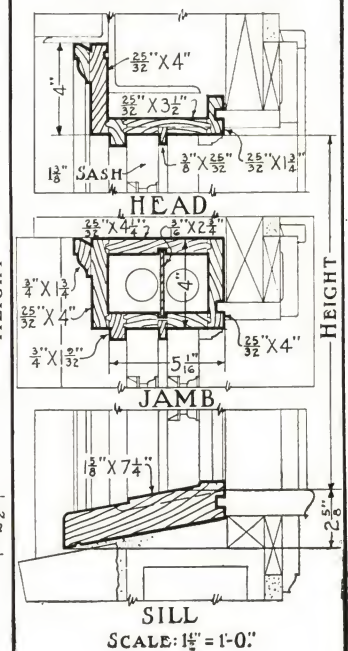
FRAME NO. 736.



FRAME NO. 737.



FRAME NO. 738.



MASONRY CONSTRUCTION (Continued)

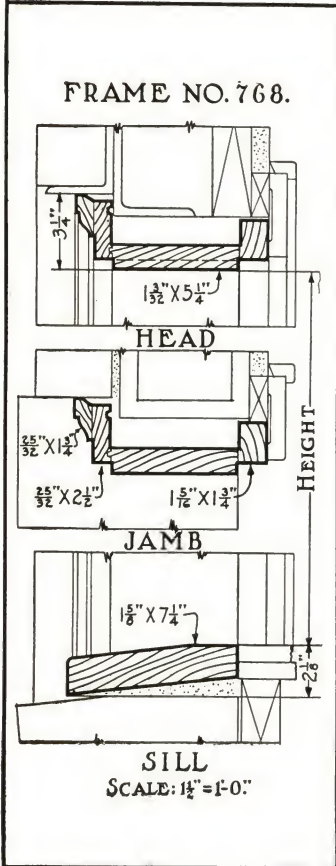
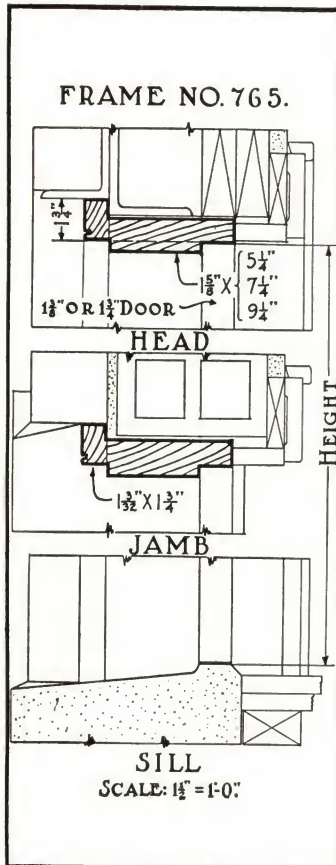
DOOR FRAMES

Door Frame No. 765 is almost universally used for masonry construction. It is furnished in several widths of jamb. Frame No. 767 is the frame preferred in Pittsburgh. No. 768 and 769 are Philadelphia patterns.

Stock Sizes

Widths—2 ft. 6 in., 2 ft. 8 in., 2 ft. 10 in. and 3 ft. 0 in.

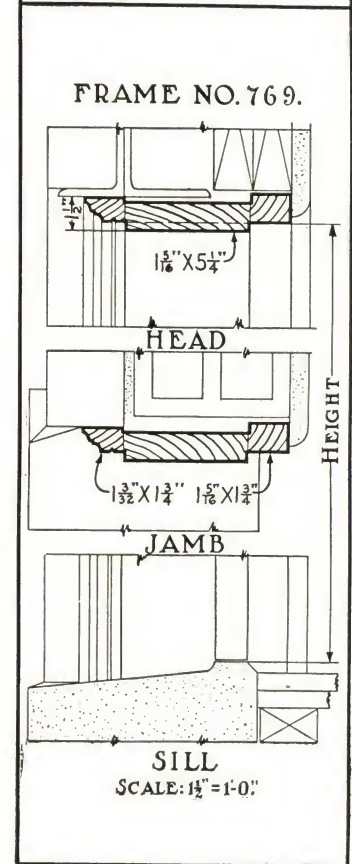
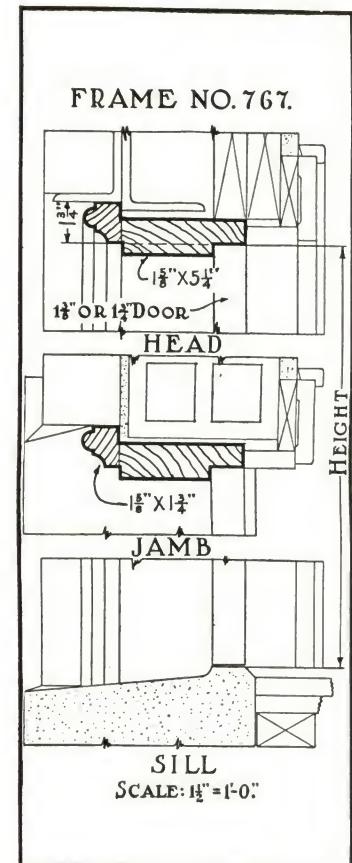
Heights—6 ft. 6 in., 6 ft. 8 in., 6 ft. 10 in. and 7 ft. 0 in.



INSIDE DOOR JAMBS

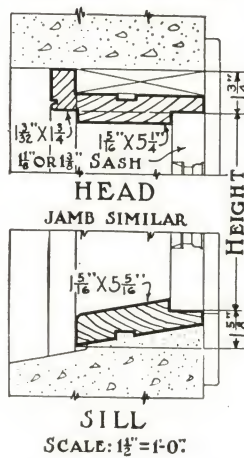


Above are shown two common types of Inside Door Jambs. The one on the left has a planted stop. These jambs are generally furnished $5\frac{1}{4}$ in. wide, although in some sections jambs up to $5\frac{5}{8}$ in. wide are used.



CELLAR FRAMES

FRAME NO. 770.



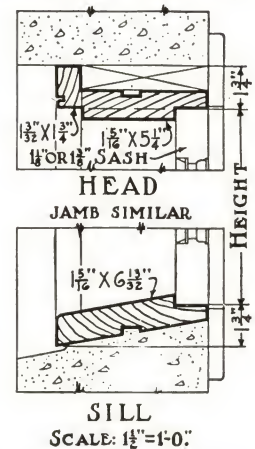
Of the Cellar Frames shown on this page, No. 770, No. 771, No. 772 and No. 773 are in general use. No. 776 is used in the New York metropolitan district and northern New Jersey. No. 777 is the choice of Michigan builders. No. 778 is used in Philadelphia and No. 780 in the Pittsburgh market.

Stock Sizes

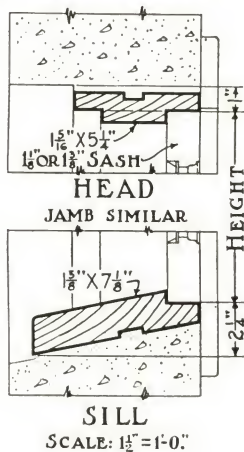
Widths—1 ft. 8 in. and every 2 in. to 3 ft. 10 in., inclusive.

Heights—Every inch from 1 ft. 3 in. to 3 ft. 5 in., inclusive.

FRAME NO. 771.



FRAME NO. 772.

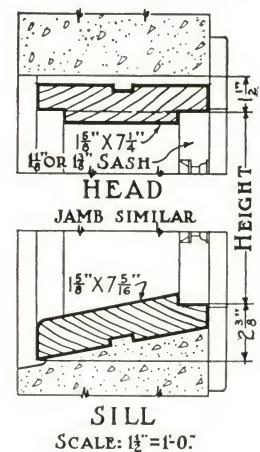


Stock Sizes (General)

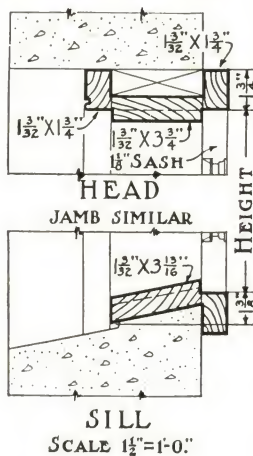
Common stock sizes have been shown on the preceding pages, and are generally specified for the sake of service and economy. Pine Craft dealers, however, can furnish intermediate or odd sizes if required.

Dealers should be consulted before detailing or specifying, as they seldom carry all the sizes shown, many of which are infrequently used.

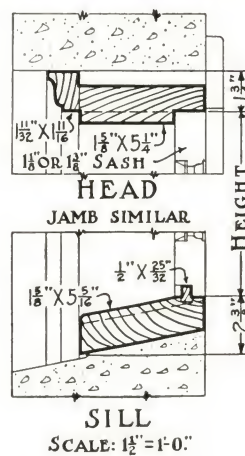
FRAME NO. 773.



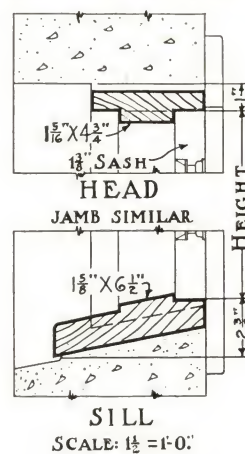
FRAME NO. 776.



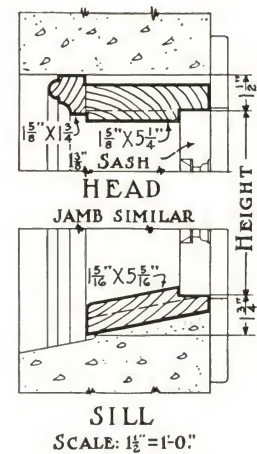
FRAME NO. 777.



FRAME NO. 778



FRAME NO. 780.





WEATHER-PROOF FRAMES



**THIS LABEL
PROTECTS YOUR
SPECIFICATION**

- BLACK & GOLD ON CLEAR GRADE
- BLUE & WHITE ON NO.1 GRADE

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